

WHAT IS CLAIMED IS:

1. A piping structure of an air conditioner, in which pipings are looped, characterized in that a first directional piping part configured on a same plane is changed to be slanted at a predetermined angle on one end thereof, to be displaced onto a third plane, and to be connected with a second directional piping part configured on a different plane from that of the first directional piping part.

2. A piping structure of an air conditioner, comprising:
a vertical piping part wound in an up and down direction; and
a horizontal piping part connected to the vertical piping part having one end changed at a predetermined slant angle.

3. The piping structure according to claim 1, further comprising a vibration damping part slantly connected to the vertical piping part as a first directional piping part and to the horizontal piping part as a second directional piping part.

4. The piping structure according to claim 3, wherein the vertical piping part takes a form wound at least one times in an up and down direction, and has a looping part by slantly connecting one end of a vibration damping piping part

at an arbitrary position of vertical piping part and by horizontally connecting the other end of the vibration damping piping part.

5. The piping structure according to claim 3, wherein the vibration damping piping part has a slant angle ranging from about 20 to 60 degrees.
6. The piping structure according to claim 5, wherein the slant angle of the vibration damping piping part causes a vertical vibration to be divided according to a force vector decomposition.
7. The piping structure according to claim 5, wherein the vibration damping piping part has a difference more than 50 mm between highest and lowest heights.
8. The piping structure according to claim 5, wherein lengths of the vibration damping piping part and the horizontal piping part are changed according to the slant angle of the vibration damping piping part.